EECS 341 Final Project Report

Our application can create, display, edit and delete reviews for various albums. It allows you to search through a database of classic albums. We utilized aggregate queries by averaging the scores of all reviews for each album and displaying that as the total score. The system allows individual users to log in and create reviews.

Backend: Yunxi Kou
MySQL database on campus server, sample data is transported by local MySQL-generated .sql file into campus server. Data structure follows the previous design except the artist review is ditched, and “album” and “artist” tables are merged into a single album table.

Frontend: Ben Trabold and Nicholas Powell
User interface with html, python flask css that allows users to register, log in, search for albums and create/edit reviews.

We learned a lot about development in python flask, especially passing arguments through changes in URL We also had to navigate some difficulties with pulling parameters out of the results from embedded SQL queries, but this was just an issue dealing with python tuples.